User's Guide

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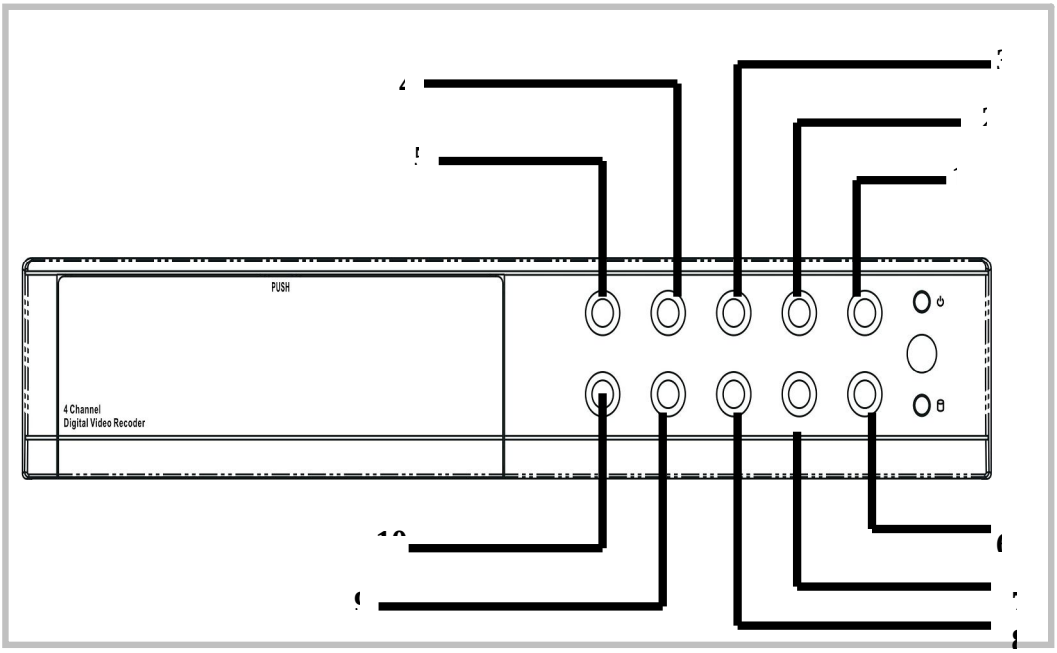
Introduction to Digital Video Recorder (DVR)

The digital video recorder (DVR) is for recording/retrieving video streams from up to 9 channels at the same time. It adopts a digital image compression technology to compress the input channel video streams, and uses HDD to record the compressed video stream.

The following operation guide explains how to operate/manage the DVR, and the following installation guide explains how to install DVR at your home or HDD into the DVR.

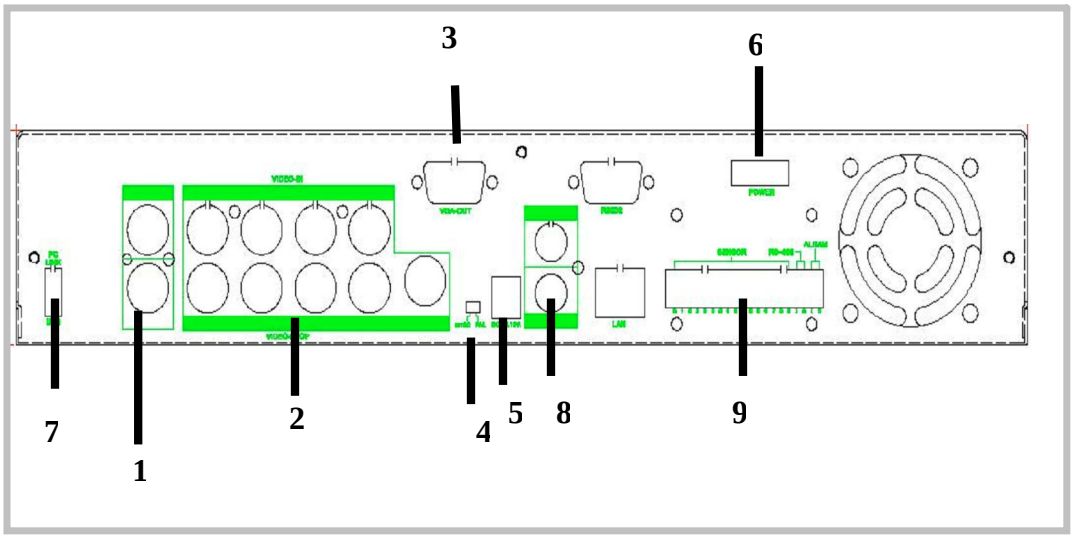
Hope you enjoy it, use it to protect your home, and eventually make your home as SAFE HOME.

Front



1. □(Recording button): press to start recording.
2. ′ (Stop recording/playback button):press stop recording/playback (the authorized password is requested upon stopping record; the default password is 555555: **button** □)
3. ⏭(Fast forward button): press to play the recorded video stream faster.
4. ⏸/□ (Playback button/Pause button): press to start playback and press to pause the video playback
5. ⏮Reverse:press to playback backward
6. 8 (Select) button: press to change the setting value or enter into a sub menu.
7. ▼ down buttons: press to change menu field
8. ▲ up down buttons: press to change menu field
9. 🕮(Menu) button: press to display Operation menu option
10. □ channel display button: press to select quad display or press

Rear



Video output
Video input
VGA output
NTSC/PAL switch
DC-in (12Voltage)
Power switch
USB host
Audio
Alarm Input/output

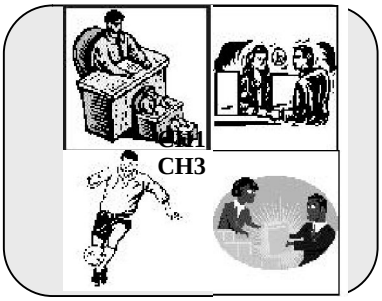
Power up the unit

After the unit is properly installed, the unit is ready to record and play. Then apply power and switch on. **Notice: Make sure the HDD is powered off before removing the drive**

After the unit is powered on, the unit is checking HDD for several seconds, the information will be displayed on the screen as right:

System version check!

The unit will enter into real-time display mode shown as the right figure:



NOTIC
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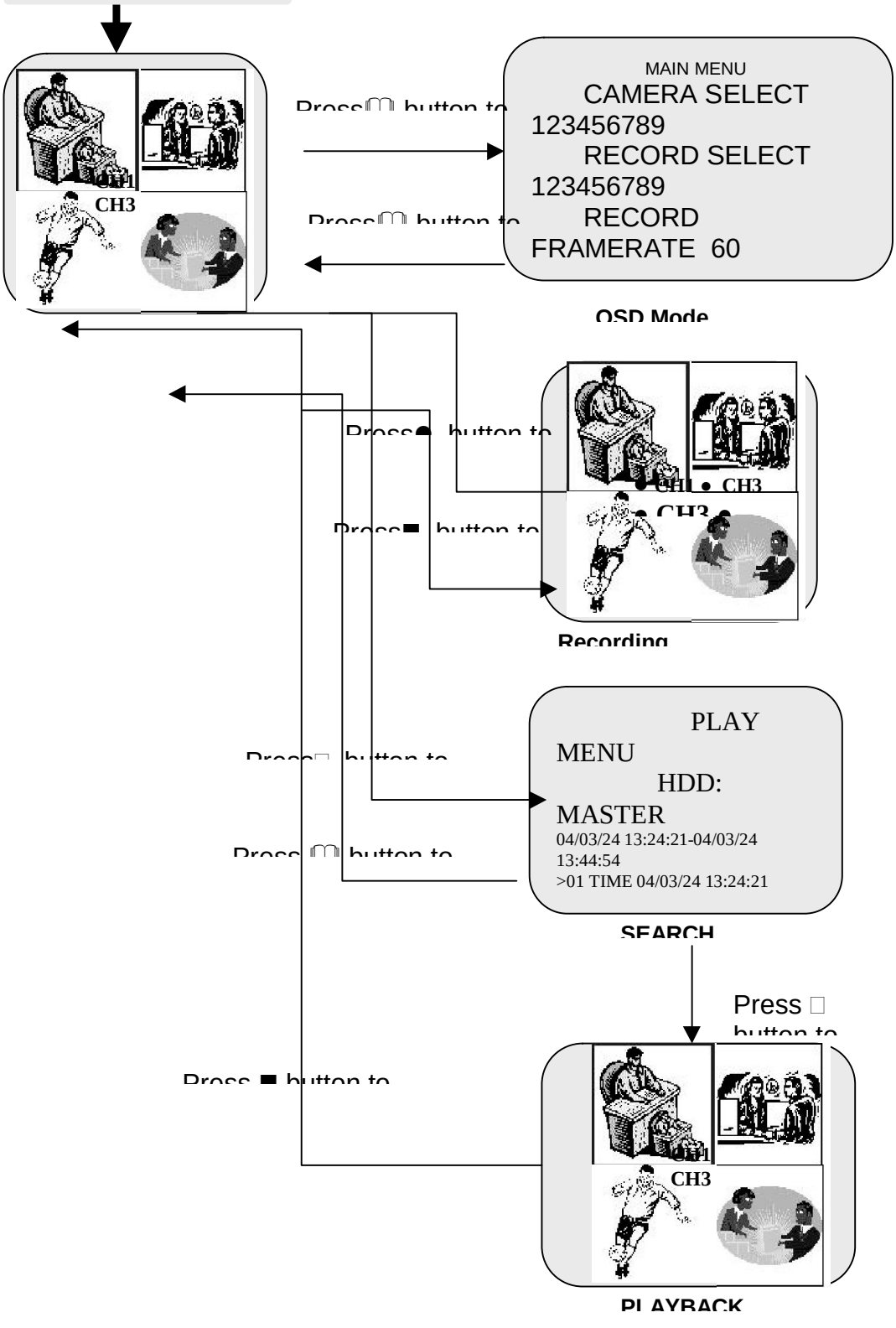
1. Make sure the HDD is off before removing the drive

2.Once you resume the initial setting, the right information will be displayed on the screen. Then turn off the unit and re-power on it.

Turn off and on the DVR!

1. Power on the



Operation

MAIN

Press📖 to display menu option shown

Operation Buttons

--- press to display menu option.

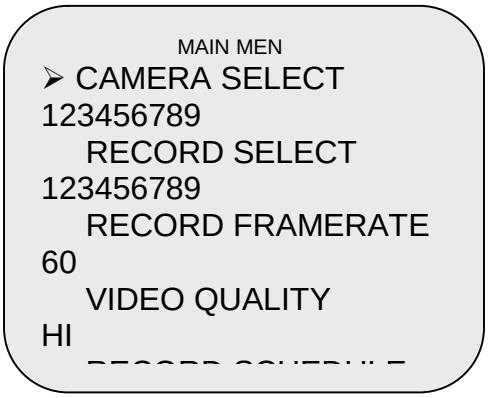
πθ--- press to change menu field or change the unit's configuration values.

8 --- press to select menu item or confirm the selection

➢Please stop recording or playback before you enter into OSD menu.

➢You will be requested to enter password while stopping

CAMERA



The unit provides 9 camera inputs. You can use channel buttons on the front panel to select specified channel for real-time display.

You can use "8" button or channel buttons for different combinations for channel display.

Example:

1. When you choose (----), all cameras are off
2. When you choose (123456789), all cameras are displayed.
3. When you choose (---4), only the fourth channel is displayed.

NOTIC

VIDEO LOSS !

"VIDEO LOSS" signal will be displayed, and the built-in alarm buzzer will be triggered to sound, while no video connection or

NOTIC
E

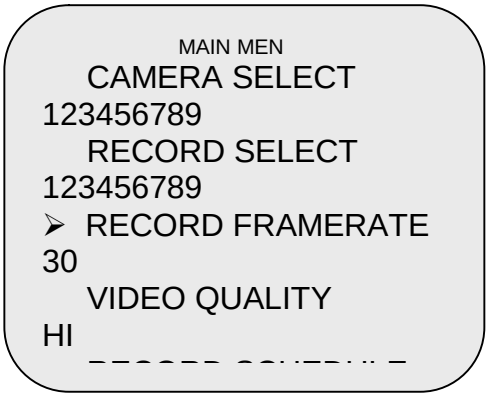
Channel Display

Use the "□" button to display, multi-channels, quad-display and full-screen format of each channel by rotation.

RECORD

Selecting channel on this menu option is same as "CAMERA SELECT" options.
Only selected camera will record real-time events during recording period

RECORD



There are 8 different frame rate settings for operation: NTSC video system:2,6,8,10,14,20,30,60 PAL video system:2,4,6,8,12,16,24,50

Please use ▲▼ buttons of front panel to select mode and then enter 8 to

NOTIC

RECORDING FRAME RATE

The higher the record frame rate is, the more natural look will be displayed on the screen on playback mode. But the lower the record frame rate is, the more you can save the space on HDD.

VIDEO

There are 3 different video quality settings for operation: Normal, Low, High

Please use ▲▼ buttons of front panel to select mode and then enter ⊗ to confirm the selection

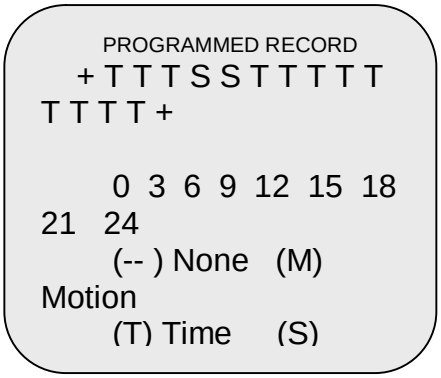
NOTIC –

DIFFERENT VIDEO QUALITY SETTINGS ON HDD CAPACITY

The higher the video quality is, the clearer images the unit plays.
But the lower the video quality is, the more you can save the space on HDD.

RECORD SCHEDULE

Enter into this option to change a recording schedule during a day (24-hour period) .



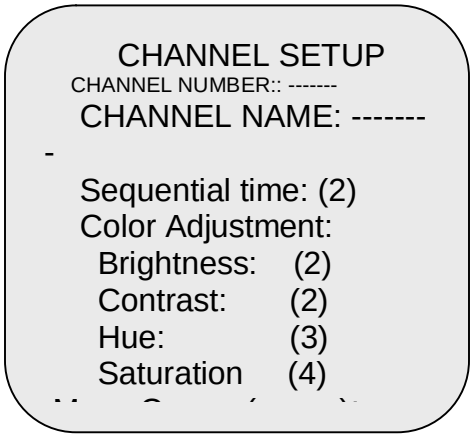
The numbers in the centre of the screen from 0~24 represent the 24 hour period in relation to the time line directly above.
(T) Letter indicates recording all the time.
(S) Letter indicates sensor recording. It means the unit starts recording as the alarm input during this period.
(M) Letter indicates motion recording. It means the unit starts motion recording as the motion triggered during this period
(--) Recording is off during this duration.

SETTING EXAMPLE:
0:00 ~ 7:00 SENSOR& MOTION RECORDING
7:00 ~11:00 RECORDING DISABLED
11:00 ~18:00 RECORDING
18:00 ~24:00 SENSOR RECORDING

+ S S S S S S - - - - T T T T T T T S S S S S S +
: : : : :
0 6 11 18 24

CHANNEL

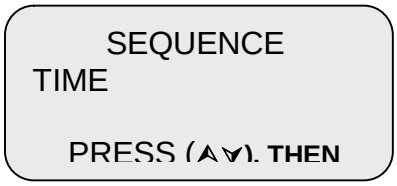
The Channel setup menu allows each camera to support independent viewing settings..



Channel Number/ Channel Name .
Input channel name here. This will be used to identify the camera

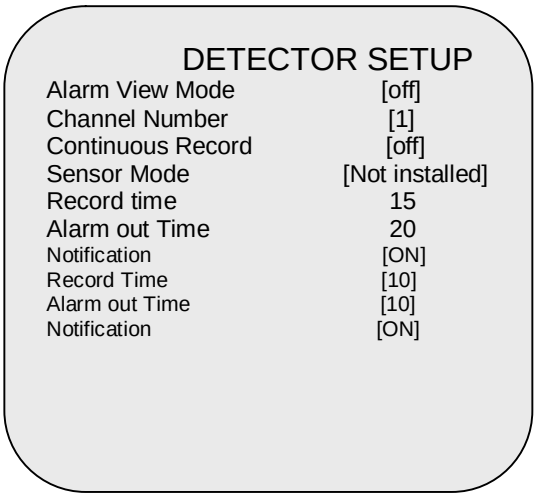
The unit provides 8 digits for channel definition: Use (#∃) key to select out Alphabet letters in need

SEQUENCE TIME



Sequence time
Enables the channel to appear on screen for the desired period before changing to the next sequential active channel, when sequences is activated in live mode.

DETECTOR



DETECTOR SETUP:
The Detector setup menu allows each
Channel independently configured for Continuous record, external sensor Or /and motion detection

Alarm View Time

This option sets the duration period Of which the alarm warning is displayed On screen. [ON/OFF]

Channel Number

Use the enter[8] button to set each Channel with specified setting.

Continuous Record

This option sets the specified Channel with continuous Recording active

Notice: Once being active, the sensor And motion modes are automatically Disabled!!

Sensor Mode

The Unit provides 3 different modes for external sensor facilities:
Not installed
Normal open
Normal close

In not installed mode sensor is disabled.
In normal open mode, the cable line connected between the sensor and the unit is cut of by the sensor, the units starts recording.
In normal close mode, the cable line connected between the sensor and the units is cut off by the sensor, the units stops recording.

Motion Mode

The built-in software motion detection has 6 settings for how Sensitive the detection of movement the DVR activates upon [OFF/1~5]

Recording Time

Recording duration once sensor has been triggered [5~180sec]

Alarm out Time

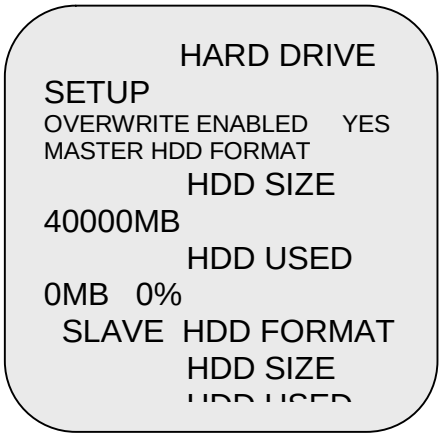
Controls how long the alarm sounds after being triggered [5~30sec], OFF, NON-STOP]

Notification

Once being triggered, the remote PC client software will pop up for alarming notification

Notice: The sensitivity settings are very important when the camera monitoring area is prone to movement,(I.e. trees, bushes, animals.)
Notice: Certain models don't offer external sensor contacts. The sensor setup menu may not be enabled.

HDD SETUP



OVERWRITE ENABLED:
If you choose "YES", the unit will continue recording and overwrite the recorded data when HDD's space is full
If you choose "NO", the unit will

SYSTEM SETUP

SYSTEM SETUP
Password change
Date/Time setup
Audio setup
Auto record
Video Loss beep

Move Cursor (<< >>)/
Change (8#∃)
Change All (□)/ Upper menu(🕮)

FRONT PANEL BUTTONS DEFINITION

□ means "5" ⏸/□means"b"
□ means "6" 🕮means "C"
⏮ means "7" ▲means "D"

′ means "8" ▼means "E"
8means "F" ⏭ means "0"

DATE/TIME

SYSTEM SETUP
Password change
Date/Time setup
Date/Time view [ON}
Date View Mode
MM/DD/YY
Date:
Time:
Audio setup
Auto record
Video Loss beep

Date/Time View to turn on/off the Date/Time display

2. The unit provides yyyy/mm/dd or dd/mm/yyyy variant which depends on the regional preference.

AUDIO SETUP

SYSTEM SETUP
Password change
Date/Time setup
Audio setup
Audio record
Audio mute
Input Volume
Output Volume
Auto record
Video Loss beep

Move Cursor (<< >>)/

1.Audio record:Use this menu to either turn on audio recording or off

2. Use this menu to either turn on sounding or off

3. Input/Output Volume : use this Menu to turn down/up the volume

AUTO RECORD

AUSTO RECORD
[ON]

Move Cursor (<< >>)/

Use this menu to specify each channel display dwell time. Dwell time settings determine from 1 sec to 9 sec between displays for 4 channels.

Note: Please press “8” to

VIDEO LOSS

VIDEO LOSS BEEP
[SHORT BEEP]

Move Cursor (<< >>)/
Change (8#∃)

Use this menu to either select buzzer’s ton(long tone or short tone) or turn off the sound.

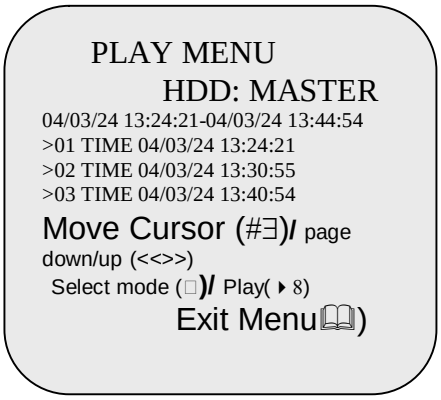
The unit provides one USB Host port for simple backup of data onto USB Pen drive. Please follow the steps below:

You must stop recording before you proceed to backup!

Step 1.From the live display screen, press "▶" to enter

PLAYBACK

Please use the front panel buttons to operate various playback functions.



Press " ⏸/□" and then the playback time /events selection menu as the left figure appears on the screen.

You can either enter the specified time/date to playback or select the event or even view the

NOTIC

1. Please stop recording before playback.

2. Because the events selection is default setting, so you need to

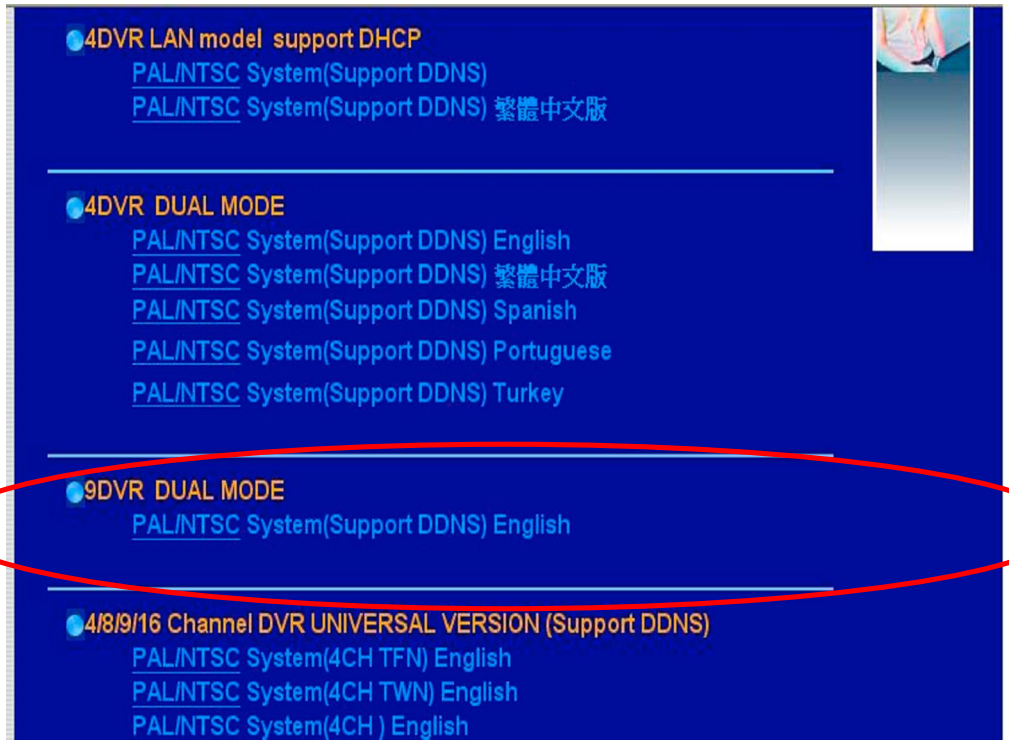
CONTROL BUTTONS

1. ⏩ (fast forward button):
Press this button to play the recorded stream faster.
The unit provides three levels of fast forward

Note: Before installing PC viewer into your PC, please make sure DirectX9.0 or above, and the updated version of Service pack!!!

Install and Setup

Please Insert the DVR CD into CD-ROM, and the computer will auto-run the install program as below, please click "PAL/NTSC system(support DDNS)\English" shown


4DVR LAN model support DHCP
PAL/NTSC System(Support DDNS)
PAL/NTSC System(Support DDNS) 繁體中文版
4DVR DUAL MODE
PAL/NTSC System(Support DDNS) English
PAL/NTSC System(Support DDNS) 繁體中文版
PAL/NTSC System(Support DDNS) Spanish
PAL/NTSC System(Support DDNS) Portuguese
PAL/NTSC System(Support DDNS) Turkey
9DVR DUAL MODE
PAL/NTSC System(Support DDNS) English
4/8/9/16 Channel DVR UNIVERSAL VERSION (Support DDNS)
PAL/NTSC System(4CH TFN) English
PAL/NTSC System(4CH TWN) English
PAL/NTSC System(4CH) English

This software is combo unit for PC player and PC client. After installation, please select"Player" to enter

υ

This PC viewer is applied for searching a period of data from HDD or fro the data of USB pen drive or playback from the CDROM (optional)

Control Panel Definition:

υ **Search: please right click on the mouse to enter into "open disk" to search the data from HDD or from the USB pen drive**

Notice:
Please don't enter into "open file", while reading the HDD or USB pen drive. It would lead to the formation of the HDD or the USB pen drive!

CDROM file:please select "open file" to read the file from CDROM

Play: play buttons to rewind, reverse, pause, play, forward frame, stop, fast forward. Or the pull-down menu for the quick search of the desired playback.

Capture: click to capture a snapshot of the data as a BMP image.

Backup: click to back up the data as an AVI file to your PC

ζ **Channel select:select between full screen of each channel**

5.